



CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY
(Scientific Society under M/o Electronics and Information Technology, GoI) **Athani**
P.O., M.G. Kavu, Thrissur, Kerala, Pin – 680 581
(Tel No. 0487-2201156 – 59 (4 lines))

Notification No.CMET/TH/ADM/06/2017

WALK-IN-INTERVIEW

C-MET, Thrissur Lab, invites young and talented persons with research aptitude to work as **Junior Research Fellow** in one of the scientific projects sponsored by SERB- DST, Govt. Of India, entitled **“Development of Transparent Conducting oxide based fibre optic plasmonic hydrogen and ammonia sensors ”**

Sl. No.	Name of the Post	Nature of the Post	No. of Post	Tenure of the Post	Qualification	Age Limit	Emoluments
1.	Project Staff/Junior Research Fellow (JRF)	Temporary on Project based	One	Initially for one year and may be extended upto the completion of the Project; ie. 19 th October, 2020	First class/60% marks in M.Sc in Physics/ /Material Science JRF will be offered only to those qualified NET	Not exceeding 25 years as on 30 th November, 2017	Project Staff : Rs. 16000/- per month (consolidated) plus HRA with annual increment of Rs. 500/-. For JRF : Rs.25000/- per month (Consolidated) plus HRA for the first two years and Rs.28000/- per month (consolidated) plus HRA for the third year on up grading to SRF

Nature of Work:

- To fabricate transparent conducting oxide thin films such as indium tin oxide, aluminium doped zinc oxide, etc. with a carrier concentration higher than 10^{20} cm^{-3} by spin coating/thermal evaporation techniques
- To study the structural, electrical and optical properties of thin films in the context of plasmonic and metamaterial applications.
- To fabricate prototype plasmonic based fibre optic ammonia and hydrogen gas sensors using transparent conducting oxide thin films.

General Terms and Conditions:

1. The Post is purely temporary and the appointment will be initially for a period of One year and may be extended upto the completion of the Project.
2. On appointment, it will not confer any right on the appointee for claim for regular appointment.
3. Selected candidate will be required to produce a medical certificate of fitness in the prescribed form, from a Government Doctor not below the rank of Civil Surgeon and character certificates from two Gazetted Officers working in Central/State Government at the time of joining the post.
4. Selected candidate will be required to report for duty as mentioned in the offer (normally within 10 days from the date of offer) and no extension will be given.
5. Selected candidate will be required to work till the completion of the project and resigning from the post during the currency of the project period shall not normally be entertained.

Those eligible for Post may attend an interview on **16th December, 2017**, at **“Centre for Materials for Electronics Technology (C-MET), Shornur Road, Athani-P.O., Thrissur-680 581”**. The registration will be between **8.30 AM to 11.00 AM**. **Only those candidates who are screened in by a Committee will be considered for interview subject to verification of original documents. The applicants shall bring originals along with copies of documents in support of Qualification, Age etc. The applicants shall also bring one recent Passport size Photograph at the time of registration.**

Sd/-
Administrative Officer